



CALIFORNIA

Agricultural Bulletin

EDD Employment
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State of California

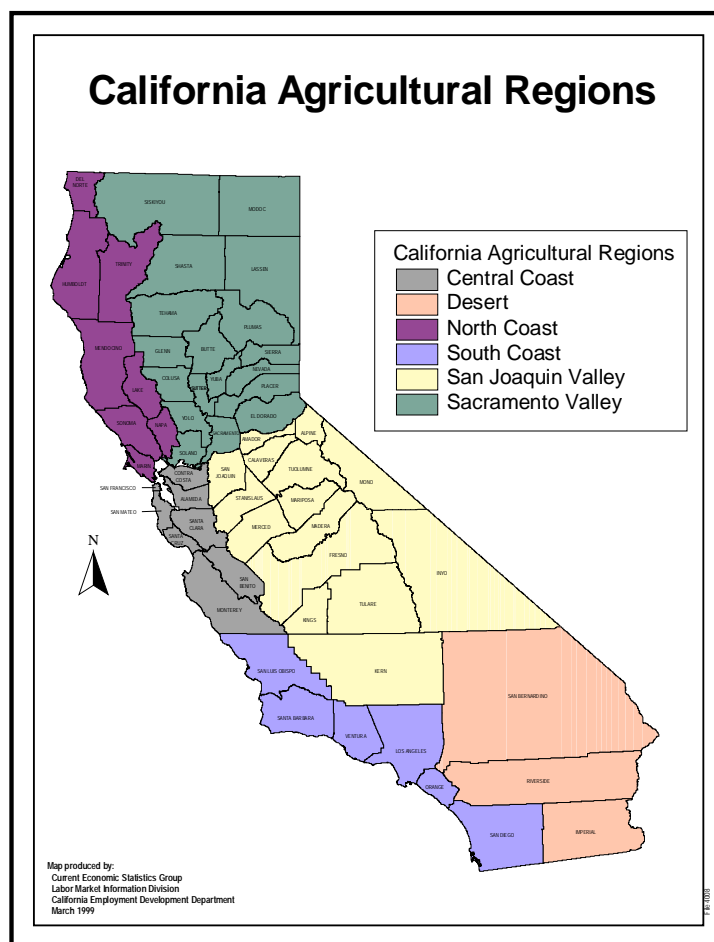
July 2000
(Internet Version)

Agricultural Overview

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This bulletin covers 27 agricultural industries in the State of California. The number of industries ranges from five to seventeen within each of the six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details).



The data are organized into the following tables by state and region:

- Wage and Salary Workers
- Average Hourly Earnings

LMID
Labor Market Information Division
"Your Information Source"

Introduction

The California Agricultural Bulletin is produced by the Employment Development Department (EDD) in cooperation with the U.S. Department of Agriculture and through a grant from the U.S. Department of Labor. Because of changes in sampling and estimating procedures, farm employment data published by EDD prior to January 1997 may not be strictly comparable to current estimates.

Summary

Employment

California agricultural employment for July 2000 increased by 20,600 jobs over the previous month, a gain of five percent. Total Agricultural Production, from June 2000 to July 2000, registered an increase of 16,900 jobs, a gain of seven percent. Agricultural Services registered an increase of 3,700 jobs, for a gain of two percent. Agricultural employment normally shows a decrease from June to July. The change in California agricultural employment from June 1999 to July 1999 was a decrease of 11,400 jobs.

A contributing factor to the increased employment for July was the rain and hailstorms during the month of June that delayed fieldwork in the San Joaquin and Sacramento Valley Regions. Field activities were progressing normally, however, in July. Vegetables and Melons registered the largest change in the number of jobs with an increase of 10,100 for the month of July 2000. Other Fruits and Nuts registered a significant increase with a gain of 8,500 jobs. The largest decrease for July 2000 was registered in Grapes with a decline of 9,600 workers. Total agricultural employment increased in the Central Coast, North Coast, San Joaquin Valley, and Sacramento Valley regions while decreases were registered in the Desert and South Coast regions.

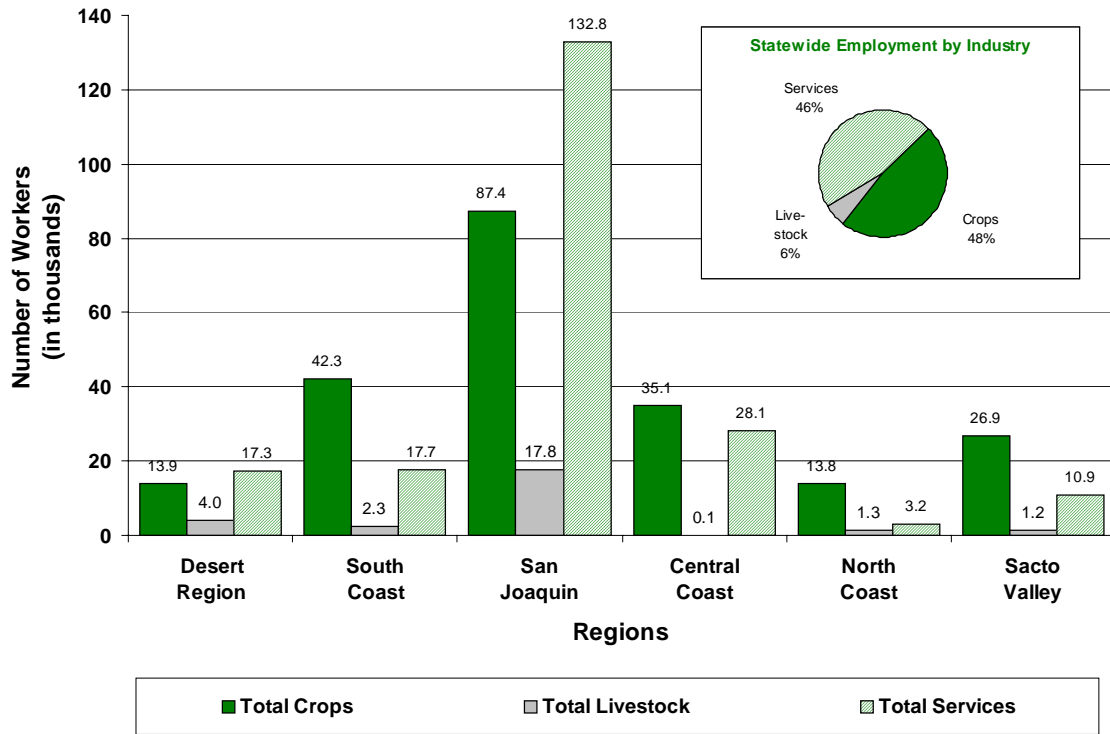
Production and Crop Activity

Farm workers were busy cultivating and weeding. Small grains were combined and hay was cut and baled. Sugar beets, honeydew and crenshaw melons were harvested. Tomatoes, bell peppers, and corn were planted. Some bean fields were still being planted. Many fields were disced or burned in preparation for planting other crops. Pollination continued in alfalfa fields. Cotton, corn, and alfalfa fields were treated for insects. Rice and bean fields were treated for worms. Sacramento Valley farmers applied aphid treatments to asparagus and melon fields. Most dry land grain plantings were harvested and wheat seed harvesting continued. Vegetables harvested during the month included basil, green beans, bok choy, broccoli, carrots, cilantro, cucumbers, eggplant, garlic, mustard and collard greens, kabocha, lemon grass, mint, mixed melons, okra, onions, parsley, peppers, radishes, snap peas, spinach, sweet corn, tomatoes, and zucchini.

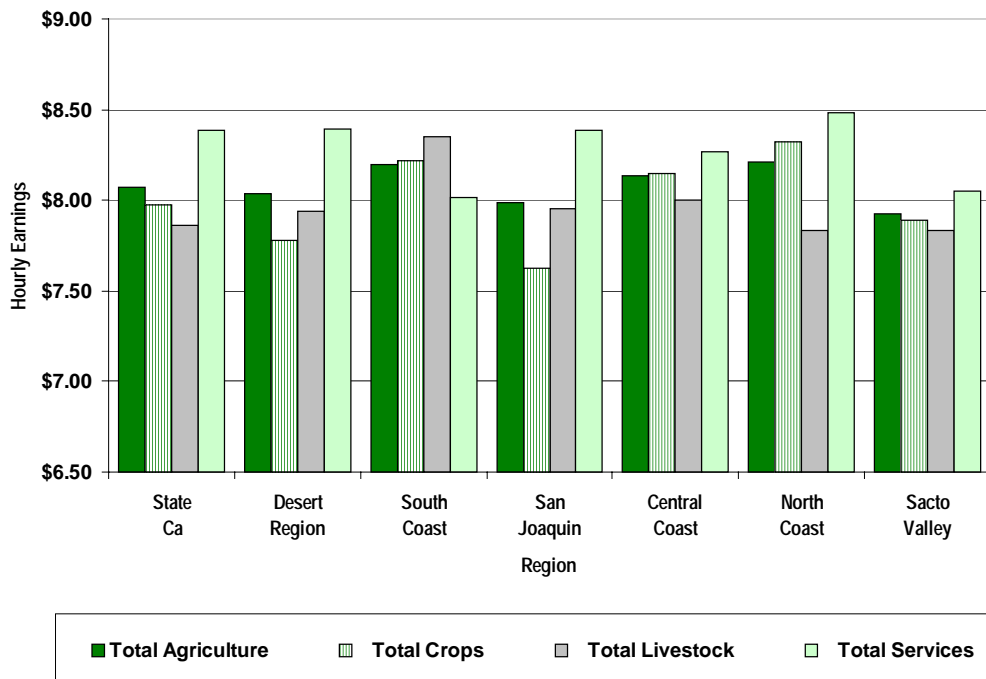
Growers were actively conducting cultural activities in vineyards and orchards. Activities included weed control, fungicide applications, and irrigation. Grape vineyards were treated for mildew and leafhoppers. The harvesting of table grapes was active in the Coachella and San Joaquin Valleys. Bartlett pears were harvested in the Sacramento delta area. Harvesting of apricots, figs, nectarines, plums, and peaches was active. The picking of gala variety apples continued. Strawberry picking was active on the central coast. Valencia oranges and lemons were harvested in Southern California and grapefruit was picked in the San Joaquin Valley.

Agricultural Summary Charts

Wage and Salary Workers



Average Hourly Earnings



CALIFORNIA AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Jul 2000	Jun 2000	Jul 1999
Total Agriculture	456.1	435.5	478.6
Total Agricultural Production/Crops	219.4	214.7	230.3
Cash Grains	3.3	3.5	2.8
Rice	1.6	1.7	1.5
Other Cash Grains	1.7	1.8	1.3
Field Crops Except Grains	20.9	19.7	14.5
Cotton	8.8	7.6	7.5
Other Field Crops	12.1	12.1	7.0
Vegetables and Melons	43.5	33.4	41.0
Total Fruits and Tree Nuts	90.1	95.8	104.1
Berries	15.1	20.0	21.0
Grapes	32.1	41.7	41.5
Tree Nuts	5.2	6.0	8.1
Citrus Fruits	4.3	4.7	4.5
Deciduous Tree Fruit	14.9	13.4	20.4
Other Fruits & Nuts	18.5	10.0	8.6
Total Horticultural Specialties	38.8	32.8	37.0
Ornamental Floral & Nursery	37.4	31.0	33.5
Food Crops Grown Under Cover	1.4	1.8	3.5
General Farm Primarily Crop	22.8	29.5	30.9
Agricultural Production/Livestock	26.7	14.5	28.8
Beef Cattle Feed Lots	0.8	0.6	1.2
Beef Cattle Except Feed Lots	2.3	0.9	3.5
Dairy Farms	13.3	9.2	16.0
Chicken Eggs	2.0	0.5	2.4
Turkey & Turkey Eggs	0.6	0.1	0.9
Other Livestock	7.7	3.2	4.8
Total Agricultural Services	210.0	206.3	219.5
Soil Preparation Services	1.8	1.7	1.7
Crop Services	44.2	50.7	55.3
Plant Cultivate & Protection	3.7	8.0	7.3
Harvest Primarily by Machine	4.4	4.2	8.6
Preparation Services for Market	35.7	38.1	38.4
Cotton Ginning	0.4	0.4	1.0
Total Farm Labor & Management	164.0	153.9	162.5
Farm Labor Contractors	150.3	141.9	151.3
Farm Management Services	13.7	12.0	11.2

Average Hourly Earnings (In dollars per hour)

Industry	Jul 2000	Jun 2000	Jul 1999
Total Agriculture	8.07	8.02	7.97
Total Agricultural Production/Crops	7.98	7.89	7.84
Cash Grains	8.18	8.08	7.95
Rice	8.23	8.06	8.17
Other Cash Grains	8.13	8.10	7.74
Field Crops Except Grains	7.72	7.61	7.74
Cotton	7.51	7.28	7.70
Other Field Crops	7.92	7.94	7.77
Vegetables and Melons	7.99	7.82	7.94
Total Fruits and Tree Nuts	7.95	7.83	7.73
Berries	8.36	8.09	7.85
Grapes	7.84	7.66	7.90
Tree Nuts	7.97	7.91	7.81
Citrus Fruits	7.76	7.52	7.75
Deciduous Tree Fruit	7.71	7.74	7.25
Other Fruits & Nuts	8.08	8.05	7.82
Total Horticultural Specialties	8.13	8.19	7.98
Ornamental Floral & Nursery	8.04	8.03	8.10
Food Crops Grown Under Cover	8.21	8.35	7.86
General Farm Primarily Crop	7.89	7.85	7.72
Agricultural Production/Livestock	7.86	7.80	7.64
Beef Cattle Feed Lots	7.86	7.59	8.30
Beef Cattle Except Feed Lots	8.27	8.26	8.05
Dairy Farms	8.15	8.38	8.39
Chicken Eggs	7.10	6.85	6.44
Turkey & Turkey Eggs	7.81	7.75	6.54
Other Livestock	7.98	7.97	8.16
Total Agricultural Services	8.39	8.35	8.42
Soil Preparation Services	8.49	8.55	9.05
Crop Services	8.58	8.60	8.51
Plant Cultivate & Protection	8.36	8.31	8.21
Harvest Primarily by Machine	8.59	8.54	8.63
Preparation Services for Market	7.99	8.05	8.04
Cotton Ginning	9.39	9.51	9.16
Total Farm Labor & Management	8.09	7.91	7.72
Farm Labor Contractors	7.85	7.78	7.37
Farm Management Services	8.33	8.04	8.07

CENTRAL COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Industry	Jul 2000	Jun 2000	Jul 1999
Total Agriculture	63.3	59.5	74.0
Total Agricultural Production/Crops	35.1	35.1	43.2
Cash Grains	0.0	0.0	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.0
Field Crops Except Grains	1.2	5.7	0.2
Cotton	0.0	0.0	0.0
Other Field Crops	1.2	5.7	0.2
Vegetables and Melons	9.4	8.8	16.3
Total Fruits and Tree Nuts	12.4	10.4	15.0
Berries	7.9	8.3	12.1
Grapes	2.1	0.3	1.2
Tree Nuts	0.1	0.4	0.2
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	0.2	0.2	1.2
Other Fruits & Nuts	2.1	1.2	0.3
Total Horticultural Specialties	9.3	9.7	9.0
Ornamental Floral & Nursery	9.0	9.1	6.9
Food Crops Grown Under Cover	0.3	0.6	2.1
General Farm Primarily Crop	2.8	0.5	2.7
Agricultural Production/Livestock	0.1	0.3	0.9
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.0	0.0	0.3
Dairy Farms	0.0	0.0	0.1
Chicken Eggs	0.0	0.0	0.1
Turkey & Turkey Eggs	0.0	0.0	0.1
Other Livestock	0.1	0.3	0.3
Total Agricultural Services	28.1	24.1	29.9
Soil Preparation Services	0.1	1.3	0.6
Crop Services	9.4	9.9	11.6
Plant Cultivate & Protection	0.4	0.1	0.9
Harvest Primarily by Machine	0.2	1.2	2.5
Preparation Services for Market	8.8	8.6	8.2
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	18.6	12.9	17.7
Farm Labor Contractors	16.8	12.6	16.2
Farm Management Services	1.8	0.3	1.5

na = not available

Average Hourly Earnings
(In dollars per hour)

Industry	Jul 2000	Jun 2000	Jul 1999
Total Agriculture	8.14	8.13	8.07
Total Agricultural Production/Crops	8.15	8.20	8.20
Cash Grains	na	na	na
Rice	na	na	na
Other Cash Grains	na	na	na
Field Crops Except Grains	7.90	8.02	8.57
Cotton	na	na	na
Other Field Crops	7.90	8.02	8.57
Vegetables and Melons	7.99	8.03	8.69
Total Fruits and Tree Nuts	8.27	8.32	7.70
Berries	8.63	8.57	8.45
Grapes	7.64	7.75	7.28
Tree Nuts	8.64	8.43	8.00
Citrus Fruits	na	na	na
Deciduous Tree Fruit	8.20	8.45	7.40
Other Fruits & Nuts	8.26	8.41	7.36
Total Horticultural Specialties	8.48	8.55	8.13
Ornamental Floral & Nursery	8.64	8.59	8.20
Food Crops Grown Under Cover	8.32	8.50	8.06
General Farm Primarily Crop	8.09	8.08	7.89
Agricultural Production/Livestock	8.00	7.95	7.59
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	na	na	8.05
Dairy Farms	na	na	8.39
Chicken Eggs	na	na	6.44
Turkey & Turkey Eggs	na	na	6.54
Other Livestock	8.00	7.95	8.52
Total Agricultural Services	8.27	8.25	8.43
Soil Preparation Services	8.25	8.15	9.00
Crop Services	8.40	8.53	8.46
Plant Cultivate & Protection	7.82	7.84	8.38
Harvest Primarily by Machine	8.87	9.17	9.13
Preparation Services for Market	8.50	8.59	7.87
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.15	8.07	7.84
Farm Labor Contractors	7.81	7.83	7.60
Farm Management Services	8.49	8.31	8.07

DESERT AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Jul 2000	Jun 2000	Jul 1999
Total Agriculture	35.2	39.4	37.8
Total Agricultural Production/Crops	13.9	15.1	13.5
Cash Grains	0.0	0.0	0.2
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.2
Field Crops Except Grains	1.9	1.3	1.9
Cotton	0.0	0.0	0.0
Other Field Crops	1.9	1.3	1.9
Vegetables and Melons	3.6	1.3	3.4
Total Fruits and Tree Nuts	7.3	8.1	5.1
Berries	0.0	0.0	0.1
Grapes	2.4	6.9	3.3
Tree Nuts	0.5	0.2	0.2
Citrus Fruits	0.8	0.5	0.7
Deciduous Tree Fruit	0.0	0.0	0.1
Other Fruits & Nuts	3.6	0.5	0.7
Total Horticultural Specialties	0.2	1.2	1.5
Ornamental Floral & Nursery	0.2	0.9	1.4
Food Crops Grown Under Cover	0.0	0.3	0.1
General Farm Primarily Crop	0.9	3.2	1.4
Agricultural Production/Livestock	4.0	2.1	5.8
Beef Cattle Feed Lots	0.0	0.0	0.7
Beef Cattle Except Feed Lots	0.0	0.0	0.5
Dairy Farms	2.6	1.4	2.8
Chicken Eggs	1.0	0.0	1.2
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.4	0.7	0.6
Total Agricultural Services	17.3	22.2	18.5
Soil Preparation Services	0.8	0.0	0.2
Crop Services	4.3	5.0	6.0
Plant Cultivate & Protection	0.3	0.6	0.5
Harvest Primarily by Machine	0.7	0.1	1.7
Preparation Services for Market	3.2	4.2	3.3
Cotton Ginning	0.1	0.1	0.5
Total Farm Labor & Management	12.2	17.2	12.3
Farm Labor Contractors	9.5	16.7	11.5
Farm Management Services	2.7	0.5	0.8

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Jul 2000	Jun 2000	Jul 1999
Total Agriculture	8.03	7.96	8.04
Total Agricultural Production/Crops	7.78	7.71	7.83
Cash Grains	na	na	7.74
Rice	na	na	na
Other Cash Grains	na	na	7.74
Field Crops Except Grains	7.86	7.73	8.28
Cotton	na	na	na
Other Field Crops	7.86	7.73	8.28
Vegetables and Melons	7.90	7.60	7.53
Total Fruits and Tree Nuts	7.61	7.56	7.88
Berries	na	na	8.22
Grapes	7.55	7.53	7.60
Tree Nuts	7.10	7.05	7.81
Citrus Fruits	7.50	7.23	7.75
Deciduous Tree Fruit	na	na	7.25
Other Fruits & Nuts	8.27	8.41	8.63
Total Horticultural Specialties	7.81	8.13	8.11
Ornamental Floral & Nursery	7.81	7.69	8.56
Food Crops Grown Under Cover	na	8.56	7.66
General Farm Primarily Crop	7.70	7.54	7.43
Agricultural Production/Livestock	7.94	8.08	7.94
Beef Cattle Feed Lots	na	na	7.60
Beef Cattle Except Feed Lots	na	na	7.94
Dairy Farms	8.57	8.35	8.87
Chicken Eggs	7.26	na	6.52
Turkey & Turkey Eggs	na	na	na
Other Livestock	7.98	7.81	8.79
Total Agricultural Services	8.39	8.08	8.36
Soil Preparation Services	8.49	na	9.05
Crop Services	8.46	8.37	8.15
Plant Cultivate & Protection	8.27	8.00	8.42
Harvest Primarily by Machine	8.67	8.40	8.55
Preparation Services for Market	7.83	7.78	7.95
Cotton Ginning	9.06	9.30	7.66
Total Farm Labor & Management	8.22	7.80	7.87
Farm Labor Contractors	8.23	7.88	7.98
Farm Management Services	8.21	7.71	7.76

NORTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Jul 2000	Jun 2000	Jul 1999
Total Agriculture	18.3	17.2	18.6
Total Agricultural Production/Crops	13.8	13.2	13.7
Cash Grains	0.0	0.0	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.0
Field Crops Except Grains	0.0	0.0	0.0
Cotton	0.0	0.0	0.0
Other Field Crops	0.0	0.0	0.0
Vegetables and Melons	2.1	2.3	0.3
Total Fruits and Tree Nuts	8.5	10.7	11.4
Berries	0.0	0.0	0.1
Grapes	6.7	9.7	9.2
Tree Nuts	0.3	0.0	0.1
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	0.7	0.1	1.9
Other Fruits & Nuts	0.8	0.9	0.1
Total Horticultural Specialties	1.4	0.1	1.7
Ornamental Floral & Nursery	1.4	0.1	1.5
Food Crops Grown Under Cover	0.0	0.0	0.2
General Farm Primarily Crop	1.8	0.1	0.3
Agricultural Production/Livestock	1.3	0.5	1.9
Beef Cattle Feed Lots	0.0	0.0	0.1
Beef Cattle Except Feed Lots	0.3	0.1	0.2
Dairy Farms	0.5	0.4	1.0
Chicken Eggs	0.0	0.0	0.1
Turkey & Turkey Eggs	0.0	0.0	0.1
Other Livestock	0.5	0.0	0.4
Total Agricultural Services	3.2	3.5	3.0
Soil Preparation Services	0.0	0.1	0.1
Crop Services	0.0	0.0	0.1
Plant Cultivate & Protection	0.0	0.0	0.0
Harvest Primarily by Machine	0.0	0.0	0.0
Preparation Services for Market	0.0	0.0	0.1
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	3.2	3.4	2.8
Farm Labor Contractors	0.6	1.9	0.9
Farm Management Services	2.6	1.5	1.9

Industry	Jul 2000	Jun 2000	Jul 1999
Total Agriculture	8.21	8.37	8.21
Total Agricultural Production/Crops	8.32	8.35	8.51
Cash Grains	na	na	na
Rice	na	na	na
Other Cash Grains	na	na	na
Field Crops Except Grains	na	na	na
Cotton	na	na	na
Other Field Crops	na	na	na
Vegetables and Melons	8.53	8.31	9.12
Total Fruits and Tree Nuts	8.40	8.34	8.02
Berries	na	na	8.22
Grapes	8.54	8.49	8.80
Tree Nuts	8.55	na	7.81
Citrus Fruits	na	na	na
Deciduous Tree Fruit	8.28	8.60	7.43
Other Fruits & Nuts	8.24	7.93	7.82
Total Horticultural Specialties	8.29	8.63	8.05
Ornamental Floral & Nursery	8.29	8.63	8.44
Food Crops Grown Under Cover	na	na	7.66
General Farm Primarily Crop	8.06	8.12	8.86
Agricultural Production/Livestock	7.84	8.25	7.48
Beef Cattle Feed Lots	na	na	8.05
Beef Cattle Except Feed Lots	8.14	8.13	7.75
Dairy Farms	7.75	8.36	7.93
Chicken Eggs	na	na	6.79
Turkey & Turkey Eggs	na	na	6.54
Other Livestock	7.62	na	7.80
Total Agricultural Services	8.48	8.52	8.65
Soil Preparation Services	na	8.61	9.15
Crop Services	na	na	8.04
Plant Cultivate & Protection	na	na	na
Harvest Primarily by Machine	na	na	na
Preparation Services for Market	na	na	8.04
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.48	8.43	8.75
Farm Labor Contractors	7.95	8.02	7.87
Farm Management Services	9.01	8.83	9.63

na = not available

SOUTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Industry	Jul 2000	Jun 2000	Jul 1999
Total Agriculture	62.3	72.8	65.8
Total Agricultural Production/Crops	42.3	49.6	44.3
Cash Grains	0.1	0.1	0.2
Rice	0.0	0.0	0.0
Other Cash Grains	0.1	0.1	0.2
Field Crops Except Grains	2.2	0.9	0.3
Cotton	0.0	0.0	0.1
Other Field Crops	2.2	0.9	0.3
Vegetables and Melons	9.4	8.8	8.7
Total Fruits and Tree Nuts	13.9	22.9	14.1
Berries	7.2	10.7	8.5
Grapes	0.6	2.2	2.2
Tree Nuts	0.1	0.0	0.1
Citrus Fruits	1.5	3.9	1.6
Deciduous Tree Fruit	0.0	0.1	0.1
Other Fruits & Nuts	4.5	6.0	1.6
Total Horticultural Specialties	14.5	13.5	16.9
Ornamental Floral & Nursery	13.6	12.8	16.1
Food Crops Grown Under Cover	0.9	0.7	0.8
General Farm Primarily Crop	2.2	3.4	4.1
Agricultural Production/Livestock	2.3	1.9	2.0
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.1	0.5	0.4
Dairy Farms	0.4	0.9	0.2
Chicken Eggs	0.0	0.0	0.4
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	1.8	0.5	1.0
Total Agricultural Services	17.7	21.3	19.5
Soil Preparation Services	0.0	0.2	0.1
Crop Services	2.4	4.9	3.6
Plant Cultivate & Protection	0.4	1.6	0.6
Harvest Primarily by Machine	0.0	0.0	1.0
Preparation Services for Market	2.0	3.3	2.0
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	15.3	16.2	15.8
Farm Labor Contractors	14.3	11.8	14.5
Farm Management Services	1.0	4.4	1.3

na = not available

Average Hourly Earnings
(In dollars per hour)

Industry	Jul 2000	Jun 2000	Jul 1999
Total Agriculture	8.19	8.19	8.02
Total Agricultural Production/Crops	8.22	8.12	7.63
Cash Grains	8.34	8.31	7.74
Rice	na	na	na
Other Cash Grains	8.34	8.31	7.74
Field Crops Except Grains	8.29	8.36	7.63
Cotton	na	na	7.70
Other Field Crops	8.29	8.36	7.56
Vegetables and Melons	8.06	7.84	7.64
Total Fruits and Tree Nuts	8.10	7.86	8.04
Berries	8.08	7.58	7.99
Grapes	8.09	7.96	8.75
Tree Nuts	7.50	na	7.81
Citrus Fruits	8.35	8.14	8.12
Deciduous Tree Fruit	na	7.14	7.25
Other Fruits & Nuts	8.47	8.49	8.29
Total Horticultural Specialties	8.25	8.15	7.59
Ornamental Floral & Nursery	8.02	7.72	7.92
Food Crops Grown Under Cover	8.47	8.57	7.25
General Farm Primarily Crop	8.27	8.18	7.13
Agricultural Production/Livestock	8.35	8.29	7.93
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	8.65	8.47	8.05
Dairy Farms	8.32	8.37	8.43
Chicken Eggs	na	na	5.90
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.08	8.02	9.34
Total Agricultural Services	8.02	8.17	8.51
Soil Preparation Services	na	8.73	9.61
Crop Services	8.21	8.25	8.53
Plant Cultivate & Protection	8.66	8.70	8.37
Harvest Primarily by Machine	na	na	8.63
Preparation Services for Market	7.75	7.79	8.58
Cotton Ginning	na	na	na
Total Farm Labor & Management	7.83	7.54	7.40
Farm Labor Contractors	7.95	7.64	7.01
Farm Management Services	7.71	7.43	7.78

SAN JOAQUIN AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Jul 2000	Jun 2000	Jul 1999
Total Agriculture	238.0	225.5	242.8
Total Agricultural Production/Crops	87.4	86.9	89.8
Cash Grains	0.1	1.2	0.5
Rice	0.0	0.8	0.1
Other Cash Grains	0.1	0.4	0.4
Field Crops Except Grains	12.5	10.3	10.4
Cotton	8.8	7.6	7.4
Other Field Crops	3.7	2.7	3.0
Vegetables and Melons	14.9	7.9	9.2
Total Fruits and Tree Nuts	37.5	39.7	47.8
Berries	0.0	1.0	0.2
Grapes	19.2	21.6	23.6
Tree Nuts	2.0	4.2	5.0
Citrus Fruits	2.0	0.3	2.2
Deciduous Tree Fruit	8.2	11.4	12.0
Other Fruits & Nuts	6.1	1.2	4.8
Total Horticultural Specialties	10.7	7.8	4.8
Ornamental Floral & Nursery	10.5	7.6	4.8
Food Crops Grown Under Cover	0.2	0.2	0.1
General Farm Primarily Crop	11.7	20.0	17.1
Agricultural Production/Livestock	17.8	8.7	16.0
Beef Cattle Feed Lots	0.8	0.6	0.3
Beef Cattle Except Feed Lots	1.6	0.1	1.4
Dairy Farms	9.5	6.5	11.2
Chicken Eggs	1.0	0.5	0.6
Turkey & Turkey Eggs	0.6	0.1	0.7
Other Livestock	4.3	0.9	1.8
Total Agricultural Services	132.8	129.9	137.0
Soil Preparation Services	0.9	0.1	0.6
Crop Services	24.4	28.4	30.6
Plant Cultivate & Protection	1.1	4.0	4.6
Harvest Primarily by Machine	3.2	2.7	2.9
Preparation Services for Market	19.8	21.4	22.6
Cotton Ginning	0.3	0.3	0.5
Total Farm Labor & Management	107.5	101.4	105.8
Farm Labor Contractors	101.9	96.1	101.1
Farm Management Services	5.6	5.3	4.7

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Jul 2000	Jun 2000	Jul 1999
Total Agriculture	7.99	7.96	7.81
Total Agricultural Production/Crops	7.63	7.65	7.53
Cash Grains	7.77	8.00	7.90
Rice	na	8.30	7.85
Other Cash Grains	7.77	7.70	7.90
Field Crops Except Grains	7.52	7.46	7.27
Cotton	7.51	7.28	7.70
Other Field Crops	7.52	7.63	6.83
Vegetables and Melons	7.82	7.68	7.19
Total Fruits and Tree Nuts	7.35	7.42	7.18
Berries	na	8.12	6.35
Grapes	6.98	6.84	7.56
Tree Nuts	7.95	7.91	7.59
Citrus Fruits	7.43	7.18	7.38
Deciduous Tree Fruit	7.04	7.10	6.96
Other Fruits & Nuts	7.36	7.34	7.26
Total Horticultural Specialties	7.70	7.73	8.03
Ornamental Floral & Nursery	7.54	7.71	7.68
Food Crops Grown Under Cover	7.85	7.75	8.37
General Farm Primarily Crop	7.61	7.59	7.61
Agricultural Production/Livestock	7.95	7.93	7.68
Beef Cattle Feed Lots	7.86	7.59	8.50
Beef Cattle Except Feed Lots	8.36	8.57	8.23
Dairy Farms	8.35	8.45	8.89
Chicken Eggs	6.93	6.85	6.54
Turkey & Turkey Eggs	7.81	7.75	6.54
Other Livestock	8.39	8.35	7.37
Total Agricultural Services	8.38	8.32	8.22
Soil Preparation Services	8.72	8.72	8.93
Crop Services	8.59	8.56	8.61
Plant Cultivate & Protection	8.59	8.54	8.04
Harvest Primarily by Machine	8.54	8.50	8.35
Preparation Services for Market	7.51	7.50	7.39
Cotton Ginning	9.71	9.71	10.65
Total Farm Labor & Management	7.85	7.67	7.13
Farm Labor Contractors	7.44	7.41	7.16
Farm Management Services	8.25	7.92	7.09

SACRAMENTO VALLEY AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Jul 2000	Jun 2000	Jul 1999
Total Agriculture	39.0	21.1	39.2
Total Agricultural Production/Crops	26.9	14.8	25.4
Cash Grains	3.1	2.2	1.9
Rice	1.6	0.9	1.4
Other Cash Grains	1.5	1.3	0.5
Field Crops Except Grains	3.1	1.5	1.6
Cotton	0.0	0.0	0.0
Other Field Crops	3.1	1.5	1.6
Vegetables and Melons	4.1	4.3	3.1
Total Fruits and Tree Nuts	10.5	4.0	10.7
Berries	0.0	0.0	0.0
Grapes	1.1	1.0	2.0
Tree Nuts	2.2	1.2	2.5
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	5.8	1.6	5.1
Other Fruits & Nuts	1.4	0.2	1.1
Total Horticultural Specialties	2.7	0.5	2.8
Ornamental Floral & Nursery	2.7	0.5	2.8
Food Crops Grown Under Cover	0.0	0.0	0.2
General Farm Primarily Crop	3.4	2.3	5.3
Agricultural Production/Livestock	1.2	1.0	2.2
Beef Cattle Feed Lots	0.0	0.0	0.1
Beef Cattle Except Feed Lots	0.3	0.2	0.7
Dairy Farms	0.3	0.0	0.7
Chicken Eggs	0.0	0.0	0.0
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.6	0.8	0.7
Total Agricultural Services	10.9	5.3	11.6
Soil Preparation Services	0.0	0.0	0.1
Crop Services	3.7	2.5	3.4
Plant Cultivate & Protection	1.5	1.7	0.7
Harvest Primarily by Machine	0.3	0.2	0.5
Preparation Services for Market	1.9	0.6	2.2
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	7.2	2.8	8.1
Farm Labor Contractors	7.2	2.8	7.1
Farm Management Services	0.0	0.0	1.0

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Jul 2000	Jun 2000	Jul 1999
Total Agriculture	7.93	7.89	7.92
Total Agricultural Production/Crops	7.89	7.76	7.66
Cash Grains	8.25	8.05	8.03
Rice	8.23	7.81	8.49
Other Cash Grains	8.27	8.28	7.57
Field Crops Except Grains	8.03	7.96	7.63
Cotton	na	na	na
Other Field Crops	8.03	7.96	7.63
Vegetables and Melons	7.63	7.43	7.44
Total Fruits and Tree Nuts	7.88	7.69	7.50
Berries	na	na	na
Grapes	8.24	7.41	7.43
Tree Nuts	8.05	8.24	7.84
Citrus Fruits	na	na	na
Deciduous Tree Fruit	7.32	7.39	7.19
Other Fruits & Nuts	7.89	7.72	7.55
Total Horticultural Specialties	7.94	7.84	7.99
Ornamental Floral & Nursery	7.94	7.84	7.81
Food Crops Grown Under Cover	na	na	8.16
General Farm Primarily Crop	7.62	7.57	7.39
Agricultural Production/Livestock	7.84	7.79	8.06
Beef Cattle Feed Lots	na	na	9.03
Beef Cattle Except Feed Lots	7.93	7.85	8.28
Dairy Farms	7.76	na	7.81
Chicken Eggs	na	na	na
Turkey & Turkey Eggs	na	na	na
Other Livestock	7.82	7.73	7.11
Total Agricultural Services	8.05	8.12	8.04
Soil Preparation Services	na	na	8.55
Crop Services	8.36	8.38	8.25
Plant Cultivate & Protection	8.45	8.46	7.86
Harvest Primarily by Machine	8.27	8.10	8.47
Preparation Services for Market	8.36	8.57	8.41
Cotton Ginning	na	na	na
Total Farm Labor & Management	7.74	7.87	7.32
Farm Labor Contractors	7.74	7.87	6.58
Farm Management Services	na	na	8.06

DATA NOTES

Data Sources:

These data are obtained from two sources: the Employment Development Department (EDD) Covered Employment and Wages (ES-202) data files and a monthly survey conducted by the California Agricultural Statistical Service (CASS) of the U.S. Department of Agriculture (USDA) and the Labor Market Information Division of EDD of 4,200 agricultural employers. The sample was selected to be representative of the state's agricultural employers by size, geographic location, and industry categories. Sample data are gathered for the survey week that includes the 12th calendar day of the month. All data in this bulletin represent activities taking place during this mid-month period. Same month prior year employment data are benchmarked to the ES-202 data files maintained by EDD.

Data Comments:

To aid in accurate usage and interpretation of the data, please note the following:

- **Agricultural Services employment survey data may be recalculated; historical trend information is used to adjust sample data when low response rates occur.**
- Regional data may show greater variability than statewide data because of small sample size and variable reporting patterns in specific industries.
- Current month regional estimates are based on the recorded addresses of owner-operators. Same month prior year regional data are based on worksite locations. Significant differences between regional current month and same month prior year data could result, although statewide totals might be comparable.
- Where data cannot be estimated because of inadequate sample reporting, the letters "na" have been entered into the field to indicate estimates are not available.
- Wage data include wages of supervisors and hired non-production workers (primarily administrative personnel). Piece rate data are also included where applicable.
- Fishing, forestry, and hunting industry data are not included in the Agricultural Services estimates. Unique seasonal industry patterns of employment make producing employment estimates for these industries problematic.
- Employment data do not include employers of unpaid family workers.
- Agricultural workers who are employed by farm labor contractors are reported in Agricultural Services under that industry category. Employment levels in Crop Production and Livestock Production do not reflect their activities in the associated industries that contract with the farm labor contractors.

Total agricultural employment and hourly earnings estimates in this bulletin are derived from the monthly Current Employment Statistics for Agriculture project. Estimates in this bulletin will differ from other agricultural estimates published by EDD and the USDA because of differences in the number of industries covered and in the definition of agricultural workers.

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Employment Development Department
Labor Market Information Division
Publications Information Unit
7000 Franklin Blvd., Building 1100
Sacramento, CA 95823

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